

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings of claims in the application:

1. (Previously Presented) A diagnostic tool, comprising:

a data input port;

a microprocessor linked to said data input port;

a data storage device linked to said microprocessor wherein a diagnostic application program can be stored in said data storage device;

a graphical user interface linked to said microprocessor wherein said microprocessor receives diagnostic data from said data input port, stores said data to said data storage device, and provides output data to be displayed on said graphical user interface, wherein said output data is displayed on said graphical user interface as a list having an identification of one or more diagnostic values and the corresponding diagnostic value and/or a graph of said output data, the graph having a zoomed-in region and a non-zoomed-in region, wherein the location of a diagnostic value in the list of diagnostic values is selectable by a user, the diagnostic tool further comprising an input device for selecting diagnostic values in the list, wherein said input device can be used to select a diagnostic value to change a placement location of the selected diagnostic value within an order of the list.
2. (Cancelled)
3. (Cancelled)
4. (Cancelled)

5. (Previously Presented) The diagnostic tool of claim 1 wherein said input device can be used to change the font of an entry in the list of diagnostic values.

6. (Original) The diagnostic tool of claim 5 wherein said data input port links to and receives data from an onboard vehicle computer.

7. (Original) The diagnostic tool of claim 6 wherein said data storage device is a flash memory card and wherein said diagnostic application program is loaded on said flash memory card prior to inserting said flash memory card into said diagnostic tool.

8. (Original) The diagnostic tool of claim 6 wherein said data storage device is a hardware interface port module containing said diagnostic application program and wherein said diagnostic tool contains a hardware interface port for receiving said hardware interface port module.

9. (Original) The diagnostic tool of claim 8 wherein a plurality of hardware interface port modules having separate diagnostic application programs can be provided for connection, at different times, to said hardware interface port.

10. (Original) The diagnostic tool of claim 6 further comprising a transmitter connected to said microprocessor for wirelessly transmitting data.

11. (Original) The diagnostic tool of claim 10 wherein said transmitter is an infrared transmitter and wherein said data is wirelessly transmitted to a printer.

12. (Previously Presented) A method of displaying diagnostic data, comprising the steps of:

displaying a list of diagnostic values as output data received from sensors in a vehicle on a graphical user interface of a handheld diagnostic tool wherein said list includes an identification of each diagnostic value;

selecting a first diagnostic value from the list of displayed values;

changing a placement location of the first selected diagnostic value within an order of the list; and displaying a graph having a zoomed-in region and a non-zoomed-in region.

13. (Previously Presented) The method of claim 12 further comprising the steps of selecting a second diagnostic value.

14. (Previously Presented) The method of claim 13 further comprising the step of loading a diagnostic application program into a memory device of said diagnostic tool.

15. (Previously Presented) The method of claim 14 further comprising the step of storing a third diagnostic value into said memory device and displaying said third diagnostic value graphically over at least one axis.

16. (Previously Presented) The method of claim 15 further comprising the step of expanding said at least one axis over a portion of said graphical display.

17. (Previously Presented) A diagnostic tool, comprising:
a data input means for receiving data from sensors in a vehicle;
a data storage means for storing data received from said vehicle sensors and for storing a diagnostic application program;
a graphical user interface means for providing user readable output;

a processor means for receiving data from said data input means, storing said data to said data storage means, and outputting data to be displayed on said graphical user interface means; and

wherein said output data is displayed on said graphical user interface means as a list having an identification of one or more diagnostic values and the corresponding diagnostic value and/or a graph of said output data, the graph having a zoomed-in region and a non-zoomed-in region, wherein the location of a diagnostic value in the list of diagnostic values is selectable by a user, the diagnostic tool further comprising an input means for selecting diagnostic values in the list, wherein said input device can be used to select a diagnostic value to change a placement location of the selected diagnostic value within an order of the list.

18. (Cancelled)

19. (Cancelled)

20. (Cancelled)

21. (Previously Presented) The method of claim 13 further comprising changing the font of said second selected diagnostic value.

22. (New) The diagnostic tool of claim 1, wherein said output data displayed on said graphical user interface can be real time data or stored data.

23. (New) The diagnostic tool of claim 1, wherein a scale for the graph is selectable by the user.

24. (New) The diagnostic tool of claim 1, wherein minimum and maximum values for a measurement of a sensor or a switch are displayed on said graphical user interface.

25. (New) The diagnostic tool of claim 1, wherein a diagnostic trouble code may be cleared by the user.
26. (New) The diagnostic tool of claim 1, wherein a vehicle repair verification can be performed by the user.
27. (New) The diagnostic tool of claim 1, wherein an automatic recording feature or a diagnostic code triggered feature is selectable by the user.
28. (New) The diagnostic tool of claim 1, wherein said graphical user interface displays a diagnostic code trigger line.